

L Numb r	Hits	S arch T xt	DB	Time stamp
-	0	09/965806 09/965805	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 10:17
-	6	3369666.pn. 4524805.pn. 3802564.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 10:17
-	170	cecil-t\$.xa,xp.	USPAT; US-PGPUB; EPO; JPO	2002/10/19 12:06
-	32	cecil-t\$.xa,xp. and oil	USPAT; US-PGPUB; EPO; JPO	2002/10/19 12:06
-	9	(cecil-t\$.xa,xp. and oil ) and 210/13?.ccls.	USPAT; US-PGPUB; EPO; JPO	2002/10/19 12:11
-	18	("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.	USPAT	2002/10/19 12:09
-	0	6284130.URPN.	USPAT	2002/10/19 12:09
-	20	("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN.	USPAT	2002/10/19 12:10
-	34	4524805.URPN.	USPAT	2002/10/19 12:10
-	7	("1872430"   "2087887"   "2211305"   "2253684"   "2275481"   "2418777"   "3095370").PN.	USPAT	2002/10/19 12:10
-	4	3802564.URPN.	USPAT	2002/10/19 12:10
-	19	3369666.URPN.	USPAT	2002/10/19 12:10
-	17	((("2524254") or ("2589766") or ("2594525") or ("2598002") or ("2959832") or ("3184062") or ("3245428")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 12:11
-	10	2598002.URPN.	USPAT	2002/10/19 12:12
-	18	("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.	USPAT	2002/10/19 12:14
-	0	6284130.URPN.	USPAT	2002/10/19 12:14
-	109	((("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) (("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN.) 4524805.URPN. (("1872430"   "2087887"   "2211305"   "2253684"   "2275481"   "2418777"   "3095370").PN.) 3802564.URPN. 3369666.URPN. 2598002.URPN. (("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 13:21

Search History 10/21/02 1:31:27 PM Page 1

-	18	("2092162"   "2183616"   "2937756"   "3132097"   "3231089"   "3235085"   "3243045"   "3305095"   "3332554"   "3529722"   "3557957"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579"   "5405527").PN.	USPAT	2002/10/19 13:00
-	9	("3231089"   "3305095"   "3332554"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579").PN.	USPAT	2002/10/19 13:06
-	8	5405527.URPN.	USPAT	2002/10/19 13:07
-	26	("3042215"   "3184062"   "3235085"   "3297162"   "3315809"   "3369666"   "3370708"   "3456800"   "3529722"   "3557957"   "3599792"   "3662893"   "3785491"   "3807561"   "3912630"   "3984318"   "3996137"   "4099540"   "4127484"   "4272368"   "4279746"   "4497706"   "4500425"   "4764275"   "4820409"   "4935127").PN.	USPAT USPAT	2002/10/19 13:12
-	4	3184062.URPN.	USPAT	2002/10/19 13:19
-	0	covington-edward\$.in.	US-PGPUB	2002/10/19 13:22
-	23	covington-edward\$.in.	USPAT; US-PGPUB	2002/10/19 13:34
-	26	137/846,849,850.ccls. and oil	USPAT; US-PGPUB	2002/10/19 13:35
-	28	137/846,849,850.ccls. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 13:38
-	17	210/130,136.ccls.	US-PGPUB	2002/10/19 14:22
-	1413	210/130,136.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 13:45
-	4	210/130,136.ccls. and (clean adj side) near2 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 14:16
-	4	daniel-dieter\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 14:16
-	7	210/130.ccls.	US-PGPUB	2002/10/19 14:22
-	576	210/130.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 14:38
-	154	210/130.ccls. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 15:16
-	106	210/130.ccls. and 210/136.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 15:16
-	52	(210/130.ccls. and 210/136.ccls.) not (210/130.ccls. and oil)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 15:16
-	4	3184062.URPN.	USPAT	2002/10/19 15:20
-	195	210/130.ccls. and oil	USOCR	2002/10/19 15:31
-	339	210/136.ccls. n t 210/130.ccls.	USOCR	2002/10/19 15:31
-	827	210/136.ccls. not 210/130.ccls.	USPAT; EPO; JPO	2002/10/19 15:31
-	98	(210/136.ccls. not 210/130.ccls. ) and oil	USOCR	2002/10/19 15:32
-	108	(210/136.ccls. not 210/130.ccls. ) and oil	USPAT; EPO; JPO	2002/10/19 15:37

-	102	<p>((210/136.ccls. not 210/130.ccls. ) and oil) n t  ((3369666.pn. 4524805.pn. 3802564.pn.)  cecil-t\$.xa,xp. (c cil-t\$.xa,xp. and il )  ((cecil-t\$.xa,xp. and oil ) and 210/13?.ccls.)  (("0287007"   "0729027"   "0743006"   "2072271"    "3042215"   "3184062"   "3231089"   "3305095"    "3369666"   "3590851"   "4129144"   "4144168"    "5250176"   "5690816"   "5833843"   "5971016"    "6027640"   "6050295").PN.) (("0287007"    "0729027"   "0743006"   "2072271"   "3042215"    "3184062"   "3231089"   "3305095"   "3369666"    "3590851"   "4129144"   "4144168"   "5250176"    "5690816"   "5833843"   "5971016"   "6027640"    "6050295").PN.) ("0263259"   "0615751"    "0657007"   "0813075"   "1596520"   "2292373"    "2328382"   "2352642"   "2446571"   "2569369"    "2594318"   "2598002"   "2642259"   "2724442"    "3369666"   "3429108"   "3504699"   "3773233"    "4067414"   "4077429").PN.) 4524805.URPN.  (("1872430"   "2087887"   "2211305"   "2253684"    "2275481"   "2418777"   "3095370").PN.)  3802564.URPN. 3369666.URPN. 2598002.URPN.  (("0287007"   "0729027"   "0743006"   "2072271"    "3042215"   "3184062"   "3231089"   "3305095"    "3369666"   "3590851"   "4129144"   "4144168"    "5250176"   "5690816"   "5833843"   "5971016"    "6027640"   "6050295").PN.) (("2092162"    "2183616"   "2937756"   "3132097"   "3231089"    "3235085"   "3243045"   "3305095"   "3332554"    "3529722"   "3557957"   "3567023"   "3785491"    "4144168"   "4732678"   "4872976"   "5284579"    "5405527").PN.) ("3231089"   "3305095"    "3332554"   "3567023"   "3785491"   "4144168"    "4732678"   "4872976"   "5284579").PN.)  5405527.URPN. ("3042215"   "3184062"    "3235085"   "3297162"   "3315809"   "3369666"    "3370708"   "3456800"   "3529722"   "3557957"    "3599792"   "3662893"   "3785491"   "3807561"    "3912630"   "3984318"   "3996137"   "4099540"    "4127484"   "4272368"   "4279746"   "4497706"    "4500425"   "4764275"   "4820409"    "4935127").PN.) covington-edward\$.in.  (137/846,849,850.ccls. and oil)  (137/846,849,850.ccls. and oil) 210/130,136.ccls.)</p>	USPAT; EPO; JPO	2002/10/19 15:42
---	-----	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------	------------------

-	113	210/430.ccls. not ((3369666.pn. 4524805.pn. 3802564.pn.) c cil-t\$.xa,xp. (cecil-t\$.xa,xp. and oil ) ((c cil-t\$.xa,xp. and il) and 210/13?.ccls.) (("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) (("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) (("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN.) 4524805.URPN. (("1872430"   "2087887"   "2211305"   "2253684"   "2275481"   "2418777"   "3095370").PN.) 3802564.URPN. 3369666.URPN. 2598002.URPN. (("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) (("2092162"   "2183616"   "2937756"   "3132097"   "3231089"   "3235085"   "3243045"   "3305095"   "3332554"   "3529722"   "3557957"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579"   "5405527").PN.) (("3231089"   "3305095"   "3332554"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579").PN.) 5405527.URPN. (("3042215"   "3184062"   "3235085"   "3297162"   "3315809"   "3369666"   "3370708"   "3456800"   "3529722"   "3557957"   "3599792"   "3662893"   "3785491"   "3807561"   "3912630"   "3984318"   "3996137"   "4099540"   "4127484"   "4272368"   "4279746"   "4497706"   "4500425"   "4764275"   "4820409"   "4935127").PN.) covington-edward\$.in. (137/846,849,850.ccls. and oil) (137/846,849,850.ccls. and oil) 210/130,136.ccls.)	USPAT; EPO; JPO	2002/10/19 15:43
---	-----	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------	------------------

-	103	(210/430.ccls. n t ((3369666.pn. 4524805.pn. 3802564.pn.) cecil-t\$.xa,xp. (cecil-t\$.xa,xp. and oil ) ((c cil-t\$.xa,xp. and oil ) and 210/13?.ccls.) ((("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) ((("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.) ((("0263259"   "0615751"   "0657007"   "0813075"   "1596520"   "2292373"   "2328382"   "2352642"   "2446571"   "2569369"   "2594318"   "2598002"   "2642259"   "2724442"   "3369666"   "3429108"   "3504699"   "3773233"   "4067414"   "4077429").PN.) 4524805.URPN. ((("1872430"   "2087887"   "2211305"   "2253684"   "2275481"   "2418777"   "3095370").PN.) 3802564.URPN. 3369666.URPN. 2598002.URPN. ((("0287007"   "0729027"   "0743006"   "2072271"   "3042215"   "3184062"   "3231089"   "3305095"   "3369666"   "3590851"   "4129144"   "4144168"   "5250176"   "5690816"   "5833843"   "5971016"   "6027640"   "6050295").PN.)) ((("2092162"   "2183616"   "2937756"   "3132097"   "3231089"   "3235085"   "3243045"   "3305095"   "3332554"   "3529722"   "3557957"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579"   "5405527").PN.) ((("3231089"   "3305095"   "3332554"   "3567023"   "3785491"   "4144168"   "4732678"   "4872976"   "5284579").PN.) 5405527.URPN. ((("3042215"   "3184062"   "3235085"   "3297162"   "3315809"   "3369666"   "3370708"   "3456800"   "3529722"   "3557957"   "3599792"   "3662893"   "3785491"   "3807561"   "3912630"   "3984318"   "3996137"   "4099540"   "4127484"   "4272368"   "4279746"   "4497706"   "4500425"   "4764275"   "4820409"   "4935127").PN.) covington-edward\$.in. (137/846,849,850.ccls. and oil) (137/846,849,850.ccls. and oil) 210/130,136.ccls.)) not 210/130,136.ccls.	USPAT; EPO; JPO	2002/10/19 15:46
-	314	210/dig.17.ccls.	USPAT; EPO; JPO	2002/10/19 15:47
-	240	210/dig.17.ccls. not 210/130,136.ccls.	USPAT; EPO; JPO	2002/10/19 15:47
-	140	(210/dig.17.ccls. not 210/130,136.ccls.) and oil	USPAT; EPO; JPO	2002/10/19 15:48
-	53	210/dig.17.ccls. not 210/130,136.ccls.	USOCR	2002/10/19 15:47
-	49	(210/dig.17.ccls. not 210/130,136.ccls.) and oil	USOCR	2002/10/19 15:48
-	0	((210/dig.17.ccls. not 210/130,136.ccls.) and oil) and valv	USOCR	2002/10/19 15:48
-	28	((210/dig.17.ccls. not 210/130,136.ccls.) and oil) and valv\$4	USOCR	2002/10/19 15:49
-	53	(210/dig.17.ccls. not 210/130,136.ccls.) and oil and valv\$4	USPAT; EPO; JPO	2002/10/19 15:53
-	711	210/440,443.ccls. not 210/dig.17,130,136.ccls.	USPAT; EPO; JPO	2002/10/19 15:55
-	346	210/440,443. cls. not 210/dig.17,130,136.ccls.	USOCR	2002/10/19 15:54
-	73	(210/440,443.ccls. not 210/dig.17,130,136.ccls.) and il and valv\$3	USPAT; EPO; JPO	2002/10/19 15:54
-	20	210/440,443. cls. not 210/dig.17,130,136.ccls.	US-PGPUB	2002/10/19 15:55

-	17	(210/440,443.ccls. not 210/dig.17,130,136.ccls.) and oil	US-PGPUB	2002/10/19 15:56
-	94	(210/440,443.ccls. not 210/dig.17,130,136.ccls.) and il and valv\$3	USOCR	2002/10/19 16:03
-	83	210/117.ccls. not 210/130,136,440,443,dig.17.ccls.	USOCR	2002/10/19 16:05
-	17	(210/117.ccls. not 210/130,136,440,443,dig.17.ccls.) and oil and valv\$3	USOCR	2002/10/19 16:04
-	159	210/117.ccls. not 210/130,136,440,443,dig.17.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 16:05
-	22	(210/117.ccls. not 210/130,136,440,443,dig.17.ccls.) and oil and valv\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/19 16:05
-	12	137/512.4.ccls. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 09:33
-	110	137/512.3,846,511,843.ccls. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 10:02
-	8	3807561.URPN.	USPAT	2002/10/21 09:54
-	129	137/512.4,512.3,846,511,843.ccls. and oil	USOCR	2002/10/21 11:13
-	0	hultgren-\$.in.	USOCR	2002/10/21 11:13
-	170	hultgren-\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 11:13
-	21	hultgren-\$.in. and oil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 11:34
-	17	3000506.URPN.	USPAT	2002/10/21 11:31
-	6	((("2649277") or ("2888141") or ("2894630"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/21 11:35